

## REMARKS

This Amendment is submitted in response to the non-final Office Action mailed on January 16, 2009. No fee is due in connection with this Amendment. The Director is authorized to charge any additional fees which may be required, or to credit any overpayment to Deposit Account No. 02-1818. If such a withdrawal is made, please indicate the Attorney Docket No. 112857-490 on the account statement.

Claims 22-36 are pending in this application. Claims 1-21 were previously canceled without prejudice or disclaimer. In the Office Action, Claims 22-36 are rejected under 35 U.S.C. §103. In response, Claims 22, 26 and 30 have been amended. The amendments do not add new matter. At least in view of the amendments and/or for the reasons set forth below, Applicants respectfully submit that the rejections should be withdrawn.

In the Office Action, Claims 22-30 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Publication No. 2002/0033848 A1 to Sciammarella et al. ("Sciammarella I"). In response, Applicants have amended independent Claims 22, 26 and 30. At least in view of the amendments and/or for the reasons set forth below, Applicants respectfully submit that *Sciammarella I* fails to disclose or suggest each and every element of independent Claims 22, 26 and 30 and Claims 23-25 and 27-29 that depend therefrom.

Currently amended independent Claim 22 recites, in part, a display processing apparatus for performing a process for displaying content information that is classified into genres, the display processing apparatus comprising: content display data generating means for performing a process for configuring content cards recording content information in association with content items, displaying a card group including all content cards configured in association with content items as a card group that indicates only the presence of content with the content information being hidden, and displaying a content card selected by a user-operable selection indicator in a portion adjacent to the card group with the content information being displayed; and display data generating means for performing a process for displaying genres corresponding to displayed content information and displaying the genre of the selected content information as being displayed, wherein the content information is continuously displayed according to a user selection operation, and the content display data generating means is configured to perform a process for moving the content cards along a parametric curve, a shape of the parametric curve changing in response to a movement of the selection indicator.

Currently amended independent Claim 26 recites, in part, a display processing method for performing a process for displaying content information that is classified into genres, the display processing method comprising: configuring content cards recording content information in association with content items and displaying a card group including all content cards configured in association with content items as a card group that indicates only the presence of content with the content information being hidden; displaying a content card selected by a user-operable selection indicator in a portion adjacent to the card group with the content information being displayed; and displaying genres corresponding to displayed content information and displaying the genre of the selected content information as being displayed, wherein the content information is continuously displayed according to a user selection operation by moving the content cards along a parametric curve and changing a shape of the parametric curve in response to a movement of the selection indicator.

Similarly, currently amended independent Claim 30 recites, in part, a computer readable medium encoded with a computer program for performing a process for displaying content information that is classified into genres, the computer program comprising: a step of configuring content cards recording content information in association with content items and displaying a card group including all content cards configured in association with content items as a card group that indicates only the presence of content with the content information being hidden; a step of displaying a content card selected by a user-operable selection indicator in a portion adjacent to the card group with the content information being displayed; and a step of displaying genres corresponding to displayed content information and displaying the genre of the selected content information as being displayed, wherein the content information is continuously displayed according to a user selection operation by moving the content cards along a parametric curve and changing a shape of the parametric curve in response to a movement of the selection indicator. These Amendments do not add new matter. The Amendments are supported in the Specification at, for example, page 2, paragraphs 16-17 and 19; page 6, paragraphs 113-114 and 116; page 7, paragraph 118; page 9, paragraph 162; Figs. 6-8 and 13.

In home network environments in which various information devices are connected, the user must select a desired content item from among several content items available from the multiple network-connected devices. See, Specification, page 1, paragraph 11. Because the input content types are individually supported by different devices, the user must perform an

input switching operation to access content from different devices. See, Specification, page 1, paragraph 14. A scroll bar screen display processor creates an improved-efficiency selection operation of display data by permitting content data to be displayed on a screen. See, Specification, page 2, paragraph 16, lines 1-5. However, if not all data is displayed on the screen, no information about the hidden elements is visible to the user, and the user must switch the display to view a hidden portion. See, Specification, page 2, paragraph 16, lines 5-8; paragraph 17. Therefore, the present claims provide a display processing apparatus and method, as well as a computer program, in which all content cards are displayed to the user as a card group with content information hidden. See, Specification, page 6, paragraphs 114 and 116; page 7, paragraph 118. This improves the visibility of listed information items and presents more content information items to the user than prior art display devices. See, Specification, page 2, paragraph 19. In contrast, *Sciammarella I* fails to disclose every element of the present claims.

For example, *Sciammarella I* fails to disclose or suggest displaying a card group including all content cards configured in association with content items as recited, in part, by independent Claims 22, 26 and 30. The Patent Office asserts that *Sciammarella I* discloses displaying a plurality of thumbnails corresponding to the number of files. See, Office Action, page 3, lines 17-22. However, *Sciammarella I* merely discloses displaying some of the thumbnails representative of the files. See, *Sciammarella I*, page 3, paragraph 55, lines 5-11; Figs. 1-4. For example, “[t]he number of thumbnails in the rows of the grid layout is determined by how many thumbnails 23 if aligned side by side, can be displayed completely on the screen.” See, *Sciammarella I*, page 3, paragraph 56, lines 4-7. Nowhere does *Sciammarella I* disclose displaying all the thumbnails corresponding to the number of files. In fact, *Sciammarella I* specifically explains that the user may “browse through the thumbnails of all the loaded data objects, even when the memory card 2 stores a great number of data objects, so that not all thumbnails can be displayed on the display 3 at the same time.” See, *Sciammarella I*, page 4, paragraph 78, lines 6-9. *Sciammarella I* further states that, in the case of a circle layout, “only a portion of the thumbnails are displayed at one time in an arc. . . . In this case, the displayed thumbnails 23 are sequentially moved on and off the display during the browsing operation, thereby constantly changing the thumbnails presently being displayed.” See, *Sciammarella I*, page 5, paragraph 79, lines 7-12. Therefore, *Sciammarella I* fails to disclose or suggest

displaying a card group including all content cards configured in association with content items as required, in part, by the present claims.

Moreover, *Sciammarella I* fails to disclose displaying a card group that indicates only the presence of content with the content information being hidden as recited, in part, by independent Claims 22, 26 and 30. The Patent Office asserts that *Sciammarella I* satisfies the claimed element because it teaches displaying a plurality of thumbnails with the content information 26 visible for only the selected thumbnail 25'. See, Office Action, page 3, lines 20-22. However, contrary to the Patent Office's assertion, content information such as the image on the thumbnail is at least partially visible for all of the displayed thumbnails, not just the selected thumbnail. See, *Sciammarella I*, Figs. 1, 3. For example, when describing a line layout of the thumbnails, *Sciammarella I* states that "as the thumbnail line swings back and forth, lower right and left sections 23f', 23f" of a thumbnail 23f are alternately exposed. It should be noted that all the other layouts except the grid layout also move dynamically to reveal most or all of each thumbnail in time." See, *Sciammarella I*, page 4, paragraph 74, lines 13-17. Furthermore, with the grid layout, the images on all the displayed thumbnails are at least partially visible. See, *Sciammarella I*, page 3, paragraph 56; Fig. 3.

The Patent Office seems to assert that "content information" is limited to the information disclosed on information tab 26. See, Office Action, page 3, lines 20-22. Information tab 26 only contains information corresponding to the focus thumbnail 25. See, *Sciammarella I*, page 2, paragraph 51, lines 1-6. However, *Sciammarella I* itself indicates that such information is not the only "content information" about the thumbnail by stating that "information tab 26 includes further information about the focus thumbnail 25 such as the file name, date, size and file type of the data object that corresponds to the focus thumbnail 25." See, *Sciammarella I*, page 2, paragraph 51, lines 1-6. The Specification also notes that "content information can include a thumbnail image 503." See, Specification, paragraph 110, lines 1-7. As discussed previously, *Sciammarella I* teaches that its thumbnail images are at least partially visible for all of the displayed cards. Thus, *Sciammarella I* teaches displaying content information for non-selected cards and fails to disclose displaying a card group that indicates only the presence of content with the content information being hidden in accordance with the present claims.

Furthermore, *Sciammarella I* fails to teach moving the content cards along a parametric curve, a shape of the parametric curve changing in response to a movement of the selection

indicator as recited, in part, by independent Claims 22, 26 and 30. The Patent Office asserts that *Sciammarella I* discloses moving the content cards along a parametric curve whose shape changes in response to a movement of the selection indicator. See, Office Action, page 4, lines 7-11. However, the portion of *Sciammarella I* relied on by the Patent Office merely discloses a rotating helix which expands or contracts in response to a change in browsing speed. See, *Sciammarella I*, page 5, paragraph 81, lines 5-10 and 14-16. This change in browsing speed may result from a user input indicating horizontal scroll. See, *Sciammarella I*, page 5, paragraph 81, lines 1-7. When this occurs, the helix spirals vertically to move the thumbnails through the focus outline. See, *Sciammarella I*, page 5, paragraph 81, lines 2-4. The browsing speed is not accelerated unless the continuous browsing input continues for longer than a certain duration of time. See, *Sciammarella I*, page 5, paragraph 81, lines 10-16. Therefore, the helix does not expand or contract in response to a mere movement of the selection indicator but rather changes in response to a continuous browsing input that occurs for a certain period of time. As such, *Sciammarella I* fails to disclose or suggest moving the content cards along a parametric curve, a shape of the parametric curve changing in response to a movement of the selection indicator as required, in part, by the present claims.

Accordingly, Applicants respectfully request that the rejection of Claims 22-30 under 35 U.S.C. §103(a) to *Sciammarella I* be withdrawn.

In the Office Action, Claims 31-36 are rejected under 35 U.S.C. §103(a) as being unpatentable over *Sciammarella I* in view of U.S. Patent No. 6,281,940 B1 to Sciammarella ("*Sciammarella II*").

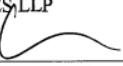
As discussed previously, *Sciammarella I* fails to disclose or suggest: (1) displaying a card group including all content cards configured in association with content items; (2) displaying a card group that indicates only the presence of content with the content information being hidden; and (3) moving the content cards along a parametric curve, a shape of the parametric curve changing in response to a movement of the selection indicator as required, in part, by independent Claims 22, 26 and 30 from which Claims 31-36 depend. The Patent Office relies on *Sciammarella II* merely as support for: (1) a genre based on an electronic program guide; and (2) a genre including news and drama. See, Office Action, page 10, lines 16-22; page 11, lines 1-13. Thus, Applicants respectfully submit that, even if properly combinable, *Sciammarella II* fails to remedy the deficiencies of *Sciammarella I* with respect to Claims 31-36.

Accordingly, Applicants respectfully request that the rejection of Claims 31-36 under 35 U.S.C. §103(a) to *Sciammarella I* and *Sciammarella II* be withdrawn.

For the foregoing reasons, Applicants respectfully submit that the present application is in condition for allowance and earnestly solicit reconsideration of same.

Respectfully submitted,

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Date: March 10, 2009